

### ABSTRACT

The sensitivity of a motion sensor or detector in a security system is adjusted by a remotely-transmitted signal, such as from a user interface device in the security system. In another approach, a pet wears a transmitter on its collar that transmits a wireless signal to command the motion sensor to adjust its sensitivity, e.g., by entering a pet immune mode, when the pet is in the room that is protected by the motion sensor. In another approach, a remote monitoring site sends instructions to the motion sensor via a communication interface. The sensitivity can be adjusted by adjusting a pulse count, optical gain, or electrical or optical sensitivity of the motion sensor.